AMENDMENTS TO THE CLAIMS

CLAIMS

1. (Currently Amended) A method for the treatment or prophylaxis of parasitic infections, such as malaria, in man or a zoonose vector comprising the administration of an effective amount of a compound of formula I to a patient in need thereof, or to the vector Use of a compound according to formula I, in the manufacture of a medicament for the treatment or prophylaxis of parasitic infections in mammals, including man:

$$\begin{array}{c} R6 \\ R7-E-C_0-C_3-\text{alkylene}-D-C_0-C_3-\text{alkylene} \end{array}$$

where

R¹ is H, C₁-C₅ alkyl, C₂-C₅ alkenyl, C₂-C₅ alkynyl or a 5 or 6 membered, saturated or unsaturated ring containing 0 to 3 heteroatoms selected from N O and S, the alkyl, alkenyl, alkynyl or ring being independently optionally substituted with R⁴;

D is -NHCO-, -CONH-, -O-, -C(=O)-, -CH=CH, -C=C-, -NR⁵-;

 R^4 is hydrogen, halo, cyano, amino, nitro, carboxy, carbamoyl, hydroxy, oxo, C_1 - C_5 alkyl, C_1 - C_5 haloalkyl, C_1 - C_5 alkyloxy, C_1 - C_5 alkanoyl, C_1 - C_5 alkanoyloxy, C_1 - C_5 alkylthio, -N(C_0 - C_3 -alkyl), hydroxymethyl, aminomethyl, carboxymethyl; -SO₂N(C_0 - C_3 -alkyl), -SO₂C₁- C_5 -alkyl;

R⁵ is H, C₁-C₄ alkyl, C₁-C₄ alkanoyl;

E is Si or C;

R⁶, R⁷ and R⁸ are independently selected from C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl or a stable monocyclic, bicyclic or tricyclic ring system which is saturated or unsaturated in which each ring has 0 to 3 heteroatoms selected from N, O and S,

Application No. @@@ Amendment dated July 3, 2006 First Preliminary Amendment

R⁶, R⁷ and R⁸ are independently optionally substituted with R⁴;

G is -O-, -S-, -CHR¹⁰-, -C(=O)-;

J is -CH₂-, or when G is CHR¹⁰ may also be -O- or -NH-;

R¹⁰ is H, F, -CH₃, -CH₂NH₂, -CH₂OH, -OH; or a pharmaceutically acceptable ether, amide or ester thereof

R¹¹ is H, F, -CH₃, -CH₂NH₂, -CH₂OH, CH(OH)CH₃, CH(NH₂)CH₃; or a pharmaceutically acceptable ether, amide or ester thereof; or

 R^{10} and R^{11} together define an olefinic bond, or together form a -CH₂-group, thereby defining a cis or trans cyclopropyl group;

and pharmaceutically acceptable salts thereof.

- 2. Use of a compound The method according to claim 1, wherein G is -O- or -CH₂-.
- 3. Use of a compound The method according to claim 1 wherein R¹⁰ and R¹¹ define an olefinic bond or a cyclopropyl group.
- 4. (Currently Amended) The method Use of a compound according to claim 1, wherein R¹¹ is H; CH₂OH or a pharmaceutically acceptable ether or ester thereof; or CH₂NH₂ or a pharmaceutically acceptable amide thereof.
- 5. (Currently Amended) The method Use of a compound according to claim 1, wherein R¹ is H.
- 6. (Currently Amended) The-method Use of a compound according to claim 1, wherein D is -O- or -NH-.
- 7. (Currently Amended) The-method Use of a compound-according to claim 6, wherein C_0 - C_3 -alkylene-D- C_0 - C_3 -alkylene is oxymethylene, oxyethylene or oxypropylene.
- 8. (Currently Amended) The-method Use of a compound according to claim 6, wherein C₀.C₃-alkylene-D-C₀-C₃-alkylene is aminomethylene, aminoethylene or aminopropylene.

Docket No.: 1718-0223PUS1

- 9. (Currently Amended) Use of a compound-The-method according to claim 1, wherein at least two of R⁶, R⁷ and R⁸ are aryl.
- 10. (Currently Amended) The method Use of a compound according to claim 1, wherein R⁶ is optionally substituted phenyl.
- 11. (Currently Amended) The method Use of a compound-according to claim 10 wherein R⁸ is optionally substituted phenyl or pyridyl.
- 12. (Currently Amended) The method Use of a compound according to claim 1 wherein E is C.
- 13. (Currently Amended) The method Use according to any preceding claim, wherein the zoonose vector is a parasite is and a Plasmodium species.
- 14. (Currently Amended) A compound of the formula II:

$$\begin{array}{c} R6 \\ R7-\overset{\vdash}{E}-C_0\text{-}C_3\text{-alkylene}-D-C_0\text{-}C_3\text{-alkylene} \\ R8 \end{array}$$

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where

R¹ is H, C₁-C₅ alkyl, C₂-C₅ alkenyl, C₂-C₅ alkynyl or a 5 or 6 membered, saturated or unsaturated ring containing 0 to 3 heteroatoms selected from N, O and S, the alkyl, alkenyl, alkynyl or ring being independently optionally substituted with R⁴;

D is -NHCO-, -CONH-, -O-, -C(=O)-, -CH=CH, -C=C-, -NR⁵-;

Application No. @@@ Amendment dated July 3, 2006 First Preliminary Amendment

 R^4 is hydrogen, halo, cyano, amino, nitro, carboxy, carbamoyl, hydroxy, oxo, C_1 - C_5 alkyl, C_1 - C_5 haloalkyl, C_1 - C_5 alkyloxy, C_1 - C_5 alkanoyl, C_1 - C_5 alkanoyloxy, C_1 - C_5 alkylthio, -N(C_0 - C_3 -alkyl)₂, hydroxymethyl, aminomethyl, carboxymethyl; -SO₂N(C_0 - C_3 -alkyl), -SO₂C₁- C_5 -alkyl; R^5 is H, C_1 - C_4 -alkyl, C_1 - C_4 -alkanoyl;

E is Si or C;

R⁶ and R⁷ are independently selected from a stable monocyclic, bicyclic or tricyclic ring system which has an aromatic nature wherein each ring has 0 to 3 heteroatoms selected from N, O and S R⁸ is selected from C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, or a stable monocyclic, bicyclic or tricyclic ring system which is saturated or unsaturated in which each ring has 0 to 3 heteroatoms selected from N, O and S;

R⁶, R⁷ and R⁸ are independently optionally substituted with R⁴;

G is -O-, -S-, -CHR¹⁰-, -C(=O)-;

J is -CH₂-, or when G is CHR¹⁰ may also be -O- or -NH-;

R¹⁰ is H, F, -CH₃, -CH₂NH₂, -CH₂OH, -OH; or a pharmaceutically acceptable ether, amide or ester thereof;

R¹¹ is H, F, -CH₃, -CH₂NH₂, -CH₂OH, CH(OH)CH₃, CH(NH₂)CH₃ or a pharmaceutically acceptable ether, amide or ester thereof; or

R¹⁰ and R¹¹ together define an olefinic bond, or together form a -CH₂-group, thereby defining a cis or trans cyclopropyl group;

and pharmaceutically acceptable salts thereof.

- 15. (Original) A compound according to claim 14 wherein G is -O- or -CH₂-.
- 16. (Original) A compound according to claim 14 wherein R¹⁰ and R¹¹ define an olefinic bond or a cyclopropyl group.
- 17. **(Original)** A compound according to claim 14, wherein R¹¹ is H; CH₂OH or a pharmaceutically acceptable ether or amide thereof, or CH₂NH₂ or a pharmaceutically acceptable amide thereof.

Docket No.: 1718-0223PUS1

- 18. (Original) A compound according to claim 14, wherein R¹ is H.
- 20. (Original) A compound according to claim 14, wherein D is -O- or -NH-.
- 21. (Original) A compound according to claim 20, wherein C₀-C₃-alkylene-D-C₀-C₃-alkylene is oxymethylene, oxyethylene or oxypropylene.
- 22. (Original) A compound according to claim 20, wherein C_0 - C_3 -alkylene is aminomethylene, aminoethylene or aminopropylene.
- 23. (Original) A compound according to claim 14, wherein R⁶ is optionally substituted phenyl.
- 24. (Original) A compound according to claim 23 wherein R⁸ is optionally substituted phenyl or pyridyl.
- 25. (Original) A compound according to claim 14 wherein E is C.
- 26. (Currently Amended) A pharmaceutical composition comprising a compound as defined in any preceding claim 1 and a pharmaceutically acceptable carrier or diluent therefore.
- 27. (NEW) A compound of the formula II:

$$\begin{array}{c} R6 \\ R7 - E - C_0 - C_3 - \text{alkylene} - D - C_0 - C_3 - \text{alkylene} \\ R8 \end{array}$$

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where

R¹ is H, C₁-C₅ alkyl, C₂-C₅ alkenyl, C₂-C₅ alkynyl or a 5 or 6 membered, saturated or unsaturated ring containing 0 to 3 heteroatoms selected from N, O and S, the alkyl, alkenyl, alkynyl or ring being independently optionally substituted with R⁴;

D is -NHCO-, -CONH-, -O-, -C(=O)-, -CH=CH, -C=C-, -NR⁵-;

 R^4 is hydrogen, halo, cyano, amino, nitro, carboxy, carbamoyl, hydroxy, oxo, C_1 - C_5 alkyl, C_1 - C_5 alkyloxy, C_1 - C_5 alkanoyl, C_1 - C_5 alkyloxy, C_1 - C_5 alkyloxymethyl, carboxymethyl; -SO₂N(C_0 - C_3 -alkyl), -SO₂C₁- C_5 -alkyl;

 R^5 is H, C_1 - C_4 -alkyl, C_1 - C_4 -alkanoyl;

E is Si or C;

R⁶ and R⁷ are independently selected from a stable monocyclic, bicyclic or tricyclic ring system which has an aromatic nature wherein each ring has 0 to 3 heteroatoms selected from N, O and S R⁸ is selected from C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, or a stable monocyclic, bicyclic or tricyclic ring system which is saturated or unsaturated in which each ring has 0 to 3 heteroatoms selected from N, O and S;

R⁶, R⁷ and R⁸ are independently optionally substituted with R⁴;

 $G \text{ is -S-, -CHR}^{10}$ -, -C(=O)-;

J is -CH₂-, or when G is CHR¹⁰ J may also be -O- or -NH-;

R¹⁰ is H, F, -CH₂, -CH₂NH₂, -CH₂OH; or a pharmaceutically acceptable ether, amide or ester thereof

R¹¹ is CH₂OH; or a pharmaceutically acceptable ether, amide or ester thereof; or

R¹⁰ and R¹¹ together define an olefinic bond, or together form a -CH₂-group, thereby defining a cis or trans cyclopropyl group;

and pharmaceutically acceptable salts thereof.